Maximus II GENE

Mini Size, Max Mobility

- Intel® Core™2 Extreme / Core™2 Quad / Core™2 Duo Ready
- Intel® P45/ICH10R
- Dual-channel, DDR2 1300 Support
- MemOK!
- SupremeFX X-Fi built-in
- CPU Level Up

Specifications

CPU	Intel® Socket 775 Core™2 Quad/Core™2 Extreme/Core™2 Duo/Pentium® dual-core/Celeron® dual-core / Celeron® Processors Support Intel® 45nm Multi-Core CPU * Refer to www.asus.com for Intel CPU support list
Chipset	Intel® P45 /ICH10R
Front Side Bus	1600/1333/1066/800 MHz
Memory	4 x DIMM, Max. 16 GB, DDR2 1300/1200/1066/800/667 Non-ECC,Un-buffered Memory Dual Channel memory architecture *Refer to www.asus.com or this user manual for the Memory QVL(Qualified Vendors Lists).
Expansion Slots	2 x PCIe 2.0 x16 (single max @ x16,dual @ x8 speed) 1 x PCIe x1 1 x PCI 2.2
Multi-GPU Support	Support ATI CrossFireX™ Technology
Storage	**Intel ICH10R controller** 6 xSATA 3 Gb/s ports Intel Matrix Storage Technology Support RAID 0,1,5,10 **JMicron® JMB363 PATA and SATA controller** 1 xUltraDMA 133/100/66/33 for up to 2 PATA devices 1 xExternal SATA 3.0 Gb/s port (SATA On-the-Go) 1 xSATA 3.0 Gb/s port
LAN	Gigabit LAN
Audio	SupremeFX X-Fi built-in 8 - Channel High Definition Audio CODEC - EAX® Advanced™ HD 4.0 - X-Fi CMSS®-3D - X-Fi Crystalizer™ - Creative ALchemy
IEEE 1394	2 x 1394a ports (1 port at back I/O, 1 port onboard)
USB	12 USB 2.0 ports (6 ports at back I/O, 6 ports onboard)
Overclocking Features	Keyboard-TweakIt Power Design - 8-phase CPU power - 2-phase DRAM power - 2-phase NB power CPU Level Up iROG Extreme Tweaker Loadline Calibration

Special Features	Intelligent overclocking tools: - TurboV - O.C Profile Overclocking Protection: - COP EX (Component Overheat Protection - EX) - Voltiminder LED - ASUS C.P.R.(CPU Parameter Recall) ASUS MyLogo 3 ASUS EZ Flash 2 ASUS CrashFree BIOS 3 ASUS Q-Connector External LCD Poster MemOK! One DIMM latch Onboard Switches: Power / Reset / Memok / Clr CMOS (at rear) ASUS EPU-6 Engine ASUS Fan Xpert
Back Panel I/O Ports	1 x External SATA 1 x S/PDIF Out (Optical) 1 x IEEE 1394a 1 x LAN(RJ45) port 6 x USB 2.0/1.1 8 -Channel Audio I/O 1 x PS/2 Keyboard port(purple) 1 x Clr CMOS switch 3 x USB connectors supports additional 6 USB 2.0 ports
Internal I/O Connectors	7 x SATA connectors 1 x IDE connector for two devices 5 x Fan connectors: 1 x CPU / 2 x Chassis / 2 x Optional Front panel audio connector System Panel connector 2 x thermal sensor connectors 1 x LCD Poster connector 1 x SPDIF_OUT connector 24-pin ATX Power connector 8-pin ATX 12V Power connector 1 x En/Dis-able Clr CMOS header 1 x CD audio in
BIOS	16 Mb Flash ROM AMI BIOS, PnP, DMI2.0, WfM2.0, SM BIOS 2.4, ACPI2.0a Multi-Language BIOS
Manageability	WOL by PME,WOR by PME,PXE
Accessories	User's manual 1 x UltraDMA 133/100/66 cable 2 x SATA cable I/O Shield 1 x External LCD Poster 1 x 2 in 1 ASUS Q-Connector Kit 1 x Cable Ties 1 x ROG theme label
Support Disc	Support DVD: - Drivers and applications Sound Blaster X-Fi Utility Futuremark® 3DMark® 06 Advanced Edition Kaspersky® Anti-Virus ASUS TurboV utility ASUS PC Probe II

	ASUS Update ASUS AI Suite
Form Factor	uATX Form Factor 9.6 inch x 9.6 inch (24.4 cm x 24.4 cm)

The product (electrical , electronic equipment, Mercury-containing button cell battery) should not be placed in municipal waste. Check local regulations for disposal of electronic products.

- All specifications are subject to change without notice. Please check with your supplier for exact offers. Products may not be available in all markets.
- PCB color and bundled software versions are subject to change without notice.
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